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August 30, 1991

TO: Minerals File

FROM: D. Wayne Hedberg, Permit Supervisor *DWH*

RE: Site Inspection, Silver Reef Mine, M/053/002, 5M Inc., Washington County, Utah

Date of Inspection: August 27, 1991

Time of Inspection: 11:30 AM - 3:30 PM

Conditions: Sunny, warm and dry

Participants: D. Wayne Hedberg, Holland Shepherd, Tony Gallegos - DOGM

A site inspection of 5M Incorporated's Silver Reef Mine was conducted to further evaluate existing conditions/hazards, in order to better define the scope and detail of the Division's reclamation/remediation proposal for this mine site. It was also our intention to document any changes that may have occurred since the last indepth field inspection (April 12, 1990). A conceptual reclamation plan was prepared April 30, 1990 by the Division, which identified the conceptual areas of critical concern requiring which should receive attention at the site.

Minerals team staff members inspected the mine site area beginning at the more northern end of the disturbed area (maintenance shop/warehouse area) and proceeded systematically toward the southern end (largest fenced electrical substation). Measurements were taken of certain facilities, inventories of equipment and structures remaining onsite were also evaluated. Samples were taken from the process solution pond and the processing vats of the residual mineral evaporite deposits. The State Department of Environmental Quality, Division of Environmental Response and Remediation (DERR) will be contacted for information regarding the analytical procedures necessary to properly evaluate these samples.

A detailed report with updated reclamation/remediation recommendations will be prepared based upon the results and findings of this field investigation and attached as a supplement to this memorandum.

dwh/jb

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